

II. Listing of Claims

Below is the entire set of pending claims pursuant to 37 C.F.R. § 1.121(c)(3)(i).

1-25. (Previously Canceled)

26. (Previously Amended) A method of communicating a message in a computer network, the method comprising:

receiving the message from a sender application, the sender application associated with a first messaging paradigm;

processing the message according to the first messaging paradigm, wherein the processing the message according to the first messaging paradigm comprises routing the message to at least one original destination; and

processing, on a parallel path, the message according to a second messaging paradigm, wherein the processing the message according to a second messaging paradigm comprises routing the message to at least one bridged destination associated with the at least one original destination, and wherein a bridge associates a first of the at least one original destinations with a first of the at least one bridged destinations, and wherein the bridge is operable to automatically route the message to the first of the at least one bridged destinations.

27. (Previously Canceled)

28. (Previously Presented) The method of claim 26, wherein the bridge is a software bridge.

29. (Previously Presented) The method of claim 28, wherein the at least one original destination comprises a plurality of original destinations, and the software bridge associates the plurality of original destinations with the first bridged destination.

30. (Previously Presented) The method of claim 28, wherein the at least one bridged destination comprises a plurality of bridged destinations, and wherein the software bridge associates the first original destination with the plurality of bridged destinations.

31. (Previously Presented) The method of claim 28, wherein a plurality of messages are routed to the first original destination, and the software bridge selects the message from the plurality of messages.

32. (Previously Presented) The method of claim 31, wherein the processing the message according to the second messaging paradigm further comprises determining that the first bridged destination is permitted to receive the message.

33. (Previously Presented) The method of claim 28, wherein a configuration file comprises the software bridge.

34. (Previously Presented) The method of claim 28, wherein an administrator console comprises the software bridge.

35. (Previously Presented) The method of claim 26, wherein the first messaging paradigm and the second messaging paradigm utilize Java messaging.

36. (Currently Amended) A non-transitory machine-readable medium embodying a sequence of instructions that, when executed by a computer, causes the computer to perform operations comprising:

receiving a message from a sender application, the sender application associated with a first messaging paradigm;

processing the message according to the first messaging paradigm, wherein the processing the message according to the first messaging paradigm comprises routing the message to at least one original destination; and

processing, on a parallel path, the message according to a second messaging paradigm, wherein the processing the message according to a second messaging paradigm comprises routing the message to at least one bridged destination associated with the at least one original destination, and wherein a bridge associates a first of the at least one original destinations with a first of the at least one bridged destinations, and wherein the bridge is operable to automatically route the message to the first of the at least one bridged destinations.

37. (Currently Amended) The non-transitory machine-readable medium of claim 36, wherein the first messaging paradigm comprises a topic-based publish-subscribe messaging paradigm, the sender application comprises a publishing application, the message is associated with a topic, and the processing the message according to the first messaging paradigm

comprises routing the message to a publish module.

38. (Currently Amended) The non-transitory machine-readable medium of claim 37, wherein the processing the message according to the first messaging paradigm further comprises delivering the message to a number of subscriber applications that are registered to receive messages associated with the topic.

39. (Currently Amended) The non-transitory machine-readable medium of claim 38, wherein the number of subscriber applications is zero.

40. (Currently Amended) The non-transitory machine-readable medium of claim 37, wherein the second messaging paradigm comprises a queuing messaging paradigm.

41. (Currently Amended) The non-transitory machine-readable medium of claim 36, wherein the first messaging paradigm comprises a queuing messaging paradigm and the processing the message according to the first messaging paradigm comprises routing the message to a queue module.

42. (Currently Amended) The non-transitory machine-readable medium of claim 41, wherein the processing the message according to the first messaging paradigm further comprises delivering the message to a queue consumer.

43. (Currently Amended) The non-transitory machine-readable medium of claim 41, wherein the second messaging paradigm is a topic-based publish-subscribe messaging paradigm.

44. (Previously Canceled)

45. (Previously Canceled)

46. (Currently Amended) The non-transitory machine-readable medium of claim 37, the operations further comprising:

aborting delivery of the message unless the at least one original destination and the at least one bridged destination are configured to receive the message.

47. (Previously Amended) A system to communicate a message in a computer network, the system comprising:

a processor;

a memory element; and

a server configured to perform operations, the operations comprising:

receiving the message from a sender application, the sender application associated with a first messaging paradigm;

processing the message according to the first messaging paradigm, wherein the processing the message according to the first messaging paradigm comprises routing the message to at least one original destination; and

processing, on a parallel path, the message according to a second messaging

paradigm, wherein the processing the message according to a second messaging paradigm comprises routing the message to at least one bridged destination associated with the at least one original destination, and wherein a bridge associates a first of the at least one original destinations with a first of the at least one bridged destinations, and wherein the bridge is operable to automatically route the message to the first of the at least one bridged destinations.

48. (Previously Canceled)

49. (Previously Presented) The system of claim 48, wherein the bridge is a software bridge.

50. (Previously Presented) The system of claim 49, wherein the first messaging paradigm comprises a topic-based publish-subscribe messaging paradigm, and the second messaging paradigm comprises a queuing messaging paradigm.